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ABSTRACT OF THE DISCLOSURE

The present invention relates to a newly identified human carboxypeptidase. The invention also relates to polynucleotides encoding the carboxypeptidase. The invention further relates to methods using the carboxypeptidase polypeptides and polynucleotides as a target for diagnosis and treatment in carboxypeptidase-related disorders. The invention further relates to drug-screening methods using the carboxypeptidase polypeptides and polynucleotides to identify agonists and antagonists for diagnosis and treatment. The invention further encompasses agonists and antagonists based on the carboxypeptidase polypeptides and polynucleotides. The invention further relates to procedures for producing the carboxypeptidase polypeptides and polynucleotides.

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